

Blood Bank

Primary analyzer – Immucor Echo Lumena

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| --- | --- |
| ABORH | ABO with RH typing |
| ABORH NB | Newborn ABORH typing |
| DAT | Direct Anti-globulin Test |
| TYPE AND SCREEN | Type and screen with the option to Prepare RBC’s for transfusion. |
| NNP EVAL | Newborn transfusion evaluation |
| RHIG EVAL | Rh Immune Globin Evaluation |
| CORD | Cord blood ABORH + DAT |
| Transfusion reaction investigation. | |
| Antibody identification and Antigen typing will be as needed. | |
| Full service Blood Bank with products delivered from Vitalant Blood Center. Product irradiation onsite as requested.  RBC (CMV− baby units available)  PLT  CRYO  FFP  Liquid plasma | |

Microbiology

Primary analyzer – BD Bactec and BD Affirm

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| C BLD | Blood Culture |
| GS | Gram stain for bacteria/fungus for positive blood cultures and sterile sites only |
| VAG PANEL | G vaginalis (BV), Candida (yeast), Trichomonas vaginalis (Trichomonasis) |

Molecular

Primary analyzer – Cepheid GeneXpert and BioFire

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| CDIFTOXPCR | C. Difficile by PCR |
| FLUVID | Influenza A and B, Respiratory Syncytial Virus, and SARS-CoV2 Viral RNA by PCR |
| GASPCR | Group A Streptococcus by PCR |
| MRSAPCR | MRSA surveillance by PCR |
| SARS COV-2 | SARS-CoV2 (COVID19) RNA by PCR |
| RESP PANEL | Respiratory Panel by PCR   * Adenovirus * Coronaviruses (229E, HKU1, NL63, OC43, SARS CoV2), * Rhinovirus/Enterovirus, * Human Metapneumovirus * Influenza A (as well as subtypes H1, H3, and 2009 H1), * Influenza B, * Parainfluenza viruses (1, 2, 3, 4) * Respiratory syncytial virus (RSV), * Bordetella pertussis, Bordetella parapertussis * Chlamydia pneumonia * Mycoplasma pneumoniae. |

Hematology

Primary analyzer - Sysmex XN

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| CBC | Complete Blood Count (Hemogram) |
| DIFF | Slide evaluation-manual differential |
| CBC w/AUTO DIFF | CBC with auto differential. No manual if auto diff fails |
| CBC w/DIFF | CBC with auto differential. Manual diff if auto diff fails |
| RBC | Red Blood Cell morphology |
| ESR | Erythrocyte Sedimentation Rate |
| HCT | Hematocrit |
| HBG | Hemoglobin |
| PLT | Platelet count |
| RETIC | Reticulocyte |
| FETAL HGB | Kleihauer Betke's |
| CSFCT | CSF count only |
| CSFCTDFF | CSF count and differential |
| BFCT | Body fluid count |
| BFCTDIFF | Body fluid count and differential |
| CRYSTALS | Synovial fluid crystal analysis |

Coagulation

Primary analyzer – Stago Compact Max

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| PT/INR | Prothrombin Time (Protime) |
| PTT | Activated Partial Thromboplastin Time |
| D DIMER | Fibrin Degradation Units |
| FIB | Fibrinogen |
| ANXA UFH | Anti-Xa (Heparin) |

Blood Gas/Whole Blood Testing

Primary analyzer – Radiometer ABL825

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| ABG | Arterial Blood Gas |
| VBG | Venous Blood Gas |
| ABG CORD | Arterial Cord Blood gas |
| VBG CORD | Venous Cord Blood Gas |
| CAPBG | Capillary Blood Gas |
| CO HGB | Carboxyhemoglobiin |
| CL WB | Whole blood chloride |
| K WB | Whole blood potassium |
| NA WB | Whole blood sodium |
| GLU WB | Whole blood glucose |
| LYTE WB | Whole blood electrolytes (NA, K, CL) |
| HGB WB | Whole blood hemoglobin |
| MET HGB | Methemoglobin |
| ICA WB | Ionized calcium |
| LACT ART | Arterial whole blood lactate |
| LACT VEN | Venous whole blood lactate |
| LACT ART SEP | Arterial lactate for sepsis alert w/2hr reorder follow-up |
| LACT VEN SEP | Venous lactate for sepsis alert w/2hr reorder follow-up |
| PH BF | Body fluid pH performed with pH meter |

Highlands Ranch Hospital

Laboratory Test Menu



Chemistry

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| --- | --- | --- |
| **Primary Instrument - Roche e411** | | |
| PROCALC | Procalcitonin | |
| ORPTH | Intraoperative Parathyroid Hormone | |
| **Primary Instrument - Advanced 325** | | |
| OSMO SERUM | Serum Osmolality | |
| OSMO URINE | Urine Osmolality | |
| **Primary Instrument – Ortho Vitros 5600** | | |
| **Chemistry Panels** | | |
| BMP | Basic Metabolic Panel | |
| CMP | Complete Metabolic Panel | |
| ELECT PAN | Electrolyte Panel | |
| HEP FUNC | Hepatic Liver Panel | |
| IRON PANEL | Iron Panel | |
| LIPID PAN | Lipid Panel | |
| RENAL FUNC | Renal Function Panel | |
| **Assay** | | |
| AIC | | Hemoglobin A1C (Glycosylated) |
| ACETA BLD | | Acetaminophen |
| ALB | | Albumin |
| ALP | | Alkaline Phosphatase |
| ALT | | Alanine Aminotransferase |
| AMM | | Ammonia |
| AMY | | Amylase |
| ASA | | Salicylate (Aspirin) |
| AST | | Aspartate Aminotransferase |
| B12 | | Vitamin B12 |
| BHB | | Beta Hydroxybutyrate (ketone) |
| BILI NEONATE | | Bilirubin, Neonatal |
| BILI D | | Bilirubin, Direct |
| TBIL | | Bilirubin, Total |
| BUN | | Blood Urea Nitrogen |
| CA | | Calcium |
| CEA | | Carcinoembryonic antigen |
| CHOL | | Cholesterol |
| CK | | Creatine Kinase |
| CL | | Chloride |
| CO2 | | Carbon Dioxide |
| CREAT | | Creatinine |
| CREAT RANU | | Creatinine Random Urine |
| CRP | | C-Reactive Protein |
| ETOH | | Blood ethanol/alcohol |
| FE | | Iron |
| FERR | | Ferritin |
| FOLATE | | Folate |
| GLU | | Glucose, random |
| GLU BF | | Glucose (body fluid) |
| GLU CSF | | Glucose (CSF) |
| GLU F | | Glucose, fasting |
| GLU 1HR 50 | | Glucose 1HR 50 gram dose |
| GTT 3HR 100G | | Glucose tolerance 3HR 100 gram |
| GTT 1HR 50 | | Glucose tolerance 1HR 50 gram dose |

Chemistry

|  |  |
| --- | --- |
| GTT 2HR 75G | Glucose tolerance 2HR 75 gram dose |
| HBSAG | Hepatitis B Surface Antigen |
| HCVAB | Hepatitis C Antibody |
| HCG | hCG quantitative (pregnancy or cancer monitoring) |
| HDL | High Density Lipoprotein |

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| HIV 1/2 AB/AG | 4th generation Human Immunodeficiency Virus: HIV-1 and HIV-2 antibodies, HIV-1 p24 antigen |
| K | Potassium |
| K RANU | Potassium random urine |
| LDH | Lactate Dehydrogenase |
| LDH BF | Lactate Dehydrogenase (body fluid) |
| LDL MEAS | Low Density Lipoprotein Direct |
| LI | Lithium |
| LIP | Lipase |
| MG | Magnesium |
| NA | Sodium |
| NA RANU | Sodium random urine |
| NT-Pro BNP | NT-proBrain Natriuretic Peptide |
| PHOS | Phosphorus |
| PROT BF | Protein (body fluid) |
| PROT CSF | Protein (CSF) |
| PROT TOT | Protein, Total |
| PROT U | Protein, random urine |
| PSA | Prostate specific antigen |
| PTHI | Intact parathyroid hormone |
| TRANSFER | Transferrin |
| T4 FREE | Thyroxine, Free |
| TRIG | Triglycerides |
| TROPI | Troponin I |
| TSH | Thyroid Stimulating Hormone |
| URIC ACID | Uric acid |
| VIT D25 | Vitamin D, 25 Hydroxy |
| **Therapeutic Drugs – Ortho Vitros 5600** | |
| DIGOXIN | Digoxin |
| GENT R | Gentamicin, Random |
| GENT P | Gentamicin, Peak |
| GENT T | Gentamicin, Trough |
| PHENY TOT | Phenytoin (Dilantin), Total |
| VANC R | Vancomycin, Random |
| VANC P | Vancomycin, Peak |
| VANC T | Vancomycin, Trough |
| VALP | Valproic Acid |

Urinalysis

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| --- | --- |
| UA RFLX | Urinalysis with reflex microscopic |
| PREG U | Urine qualitative pregnancy test |
| DOA | Urine drugs of abuse screen – MedTox Scan |
| DOA RFLX | Urine drugs of abuse screen w/ reflex |
| SEM POS VAS | Post Vas Semen Analysis |

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Laboratory Test Menu

2

Rapid Test Kits

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Laboratory Test Menu

Test Kits

|  |  |
| --- | --- |
| RAPID MONO | ICON Rapid Mononucleosis Screen |
| HCG, S | Cardinal Serum qualitative pregnancy test |

Pathology

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| Histopathology |
| Cytology – Non-gyn |



**HRH Approved Point of Care Testing**



Point of Care Testing (POCT) must be approved by the Laboratory Medical Director.

The following menu is the approved testing by the Medical Executive Committee (MEC).

\*PPM – Provider Performed Microscopy

